AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1-39. (Cancelled)

40. (**Currently amended**) An automated positioning system for determining the angular position of a vehicle with respect to a predetermined path, using at least ~~one beam~~ two beams sweeping across at least a sector of interest, said [[beam]] at least two beams originating from a known ~~generated by at least one beacon whose~~ position relative to the predetermined path ~~is known~~, the system comprising:

at least one electro-optical sensor onboard the vehicle for detecting said at least two beams ~~one beam~~; and

a logic circuitry on board the vehicle for processing a signal generated by said at least one electro-optical sensor so as to determine an ~~determining the~~ angular position of the vehicle with respect to the predetermined path.

41. (Previously presented) The system as claimed in claim 40, wherein the logic circuitry comprises a processor.

42. (**Currently amended**) The system as claimed in claim 40, wherein the logic circuitry is configured ~~adapted~~ to determine a time of detection of a beam of said at least two beams ~~one beam~~ by the sensor.

43. (**Currently amended**) The system as claimed in claim 40, wherein the logic circuitry is configured ~~adapted~~ to determine a sweeping direction of a beam of said at least two beams ~~one beam~~ across the sensor.

44. (**Currently amended**) The system as claimed in claim 40, wherein said at least one electro-optical sensor comprises two sensing elements ~~so as to allow determining the sweeping direction of said at least one beam as it sweeps across the sensor~~.

45. (**Currently amended**) The system as claimed in claim 40, wherein said at least one electro-optical sensor is configured ~~adapted~~ to distinctly detect different optical characteristics of a beam of said at least two beams ~~one beam~~.

46. (Previously presented) The system as claimed in claim 40, wherein said at least one electro-optical sensor is provided with a filter.

47. (**Currently amended**) The system as claimed in claim 46, wherein said filter is selected from a group consisting of ~~comprising~~: polarizing filter, wavelength filter.

48. (**Currently amended**) The system as claimed in claim 40, further comprising at least one off board beacon located at the known ~~whose~~ position ~~relative to the predetermined path is known~~ for generating said at least ~~one beam sweeping across at least a sector~~ two beams.

49. (**Currently amended**) The system as claimed in claim 40 [[48]], wherein ~~said at least one beacon is adapted to generate~~ a beam of said at least two beams sweeps ~~one beam sweeping across at least said sector~~ back and forth across the sector.

50. (Previously presented) The system as claimed in claim 48, wherein said at least one beacon comprises a single beacon.

51. (Previously presented) The system as claimed in claim 48, wherein said at least one beacon comprises two beacons.

52. (**Currently amended**) The system as claimed in claim 40 [[48]], wherein said at least ~~one beacon generates~~ two ~~synchronized~~ beams are synchronized ~~sweeping across said sector~~.

53. (**Currently amended**) The system as claimed in claim 52, wherein said at least ~~one beacon generates~~ two ~~synchronized~~ beams sweep ~~sweeping~~ in opposite directions across [[said]] the sector.

54. (**Currently amended**) The system as claimed in claim 40 [[48]], wherein said at least ~~one beam generated by said at least one beacon is~~ two beams are characterized by optical

characteristics so as to allow determining of the sweeping direction or azimuth information associated with each beam ~~the beacon~~.

55. (Previously presented) The system as claimed in claim 54, wherein the optical characteristics are selected from a group of optical characteristics: polarization, wavelength, intensity, amplitude modulation frequency, amplitude modulation contrast.

56. (**Currently amended**) The system as claimed in claim 40 [[48]], wherein a beam of said at least two beams ~~one beam generated by said at least one beacon~~ is characterized as spanning the entire ~~said at least a~~ sector and ~~characterized~~ by distinct optical characteristics of specific angular zones of that beam ~~so as to allow determination of their relative direction with respect to the beacon~~.

57. (**Currently amended**) The system of claim 40, wherein the logic circuitry is further capable of generating ~~generates~~ control commands for controlling [[the]] maneuvering actuators of the vehicle.

58. (**Currently amended**) The system of claim 40, wherein the vehicle is selected from a group consisting of ~~comprising~~: an unmanned aerial vehicle, a naval vessel, a land vehicle.

59. (**Currently amended**) An automated positioning method for determining [[the]] an angular position of a vehicle with respect to a predetermined path, using at least two beams ~~one beam~~ sweeping across at least a sector of interest, each [[said]] beam of said two beams originating from a known ~~generated by at least one beacon whose~~ position relative to the predetermined path ~~is known~~, the method comprising:

detecting at least one of said at least two beams ~~one beam~~ by at least one electro-optical sensor onboard the vehicle; and

processing by a logic circuitry on board the vehicle a signal generated by the sensor so as to determine ~~determining~~ the angular position ~~of the vehicle with respect to the predetermined path by a logic circuitry on board the vehicle~~.

60. (**Currently amended**) The method as claimed in claim 59, comprising timing detection of ~~the~~ a beam of said at least two beams by the sensor ~~to determine the relative position of the vehicle with respect to a specific alignment relative to the beam~~.

61. (**Currently amended**) The method as claimed in claim 59, comprising determining a sweeping direction of a beam of said at least ~~one beam~~ two beams across the sensor.

62. (**Currently amended**) The method as claimed in claim 61 [[59]], wherein said at least one sensor comprises two sensing elements~~, the method comprising determining the sweeping direction of said at least one beam as it sweeps across the sensor~~.

63. (**Currently amended**) The method as claimed in claim 59, comprising distinctly detecting different optical characteristics of a beam of said at least two beams ~~one beam~~.

64. (**Currently amended**) The method as claimed in claim 59, further comprising providing at least one off board beacon ~~whose~~ located at the known position ~~relative to the predetermined path is known~~ for generating said at least two beams ~~one beam sweeping across at least a sector~~.

65. (**Currently amended**) The method as claimed in claim 64, comprising generating by said at least one beacon a beam of said at least two beams ~~one beam that~~ such that the beam sweeps ~~across at least said sector~~ back and forth across the sector.

66. (Previously presented) The method as claimed in claim 64, wherein said at least one beacon comprises a single beacon.

67. (Previously presented) The method as claimed in claim 64, wherein said at least one beacon comprises two beacons.

68. (**Currently amended**) The method as claimed in claim 59 [[64]], wherein said at least two beams are synchronized ~~beams sweeping across said sector by said at least one beacon~~.

69. (**Currently amended**) The method as claimed in claim 68, wherein said at least two ~~synchronized~~ beams sweep in opposite directions across the [[said]] sector.

70. (**Currently amended**) The method as claimed in claim 59 [[64]], comprising characterizing a beam of said at least two beams ~~one beacon~~ by optical characteristics so as to allow determining of [[the]] a sweeping direction or azimuth ~~information~~ associated with the beam ~~beacon~~.

71. (Previously presented) The method as claimed in claim 70, wherein the optical characteristics are selected from a group of optical characteristics: polarization, wavelength, intensity, amplitude modulation frequency, amplitude modulation contrast.

72. (**Currently amended**) The method as claimed in claim 59 [[64]], ~~comprising characterizing~~ wherein a beam of said at least two beams is characterized ~~one beam generated by said at least one beacon~~ as spanning the entire ~~said at least a~~ sector and ~~characterized~~ by distinct optical characteristics of specific angular zones of that beam ~~so as to allow determination of their relative direction with respect to the beacon~~.

73. (Previously presented) The method of claim 59, comprising generating control commands by the logic circuitry for controlling the maneuvering actuators of the vehicle.

74. (**Currently amended**) The method of claim 59 62, wherein the vehicle is selected from a group consisting of ~~comprising~~: an unmanned aerial vehicle, a naval vessel, a land vehicle.